

Filtrafine Metal-Flow Series Filter Cartridges

Suitable for High Temperature, High Pressure, and Corrosive Applications; Cartridges can be Regenerated in Many Processes

- Available with Sintered Stainless Steel Fiber or Sintered Fiber Mesh Filter Media
- 304 or 316 Stainless Steel Filter Cartridge is Cleanable in a Variety of Applications
- High Surface Area Pleated Configuration for Additional On-stream Life
- Robust, All Welded Construction
- Single Open End Configurations Available for Greater Sealing Integrity
- Retention Ratings from 1 to 100µm
- Lengths from 10" to 40" (254mm~1016mm)
- Available in Configurations to Fit Existing Filter Housings. Custom Cartridge Designs are Also Available
- Manufactured Under a Certified ISO 9001 Quality System



Product Specifications

Materials of Construction:

- | | |
|--------------------|---|
| • Filter Media: | 304 or 316 Sintered Stainless Steel Fiber or Sintered Wire Mesh |
| • Support media: | Stainless Steel Sintered Mesh |
| • Hardware: | 304 or 316 Stainless Steel |
| • End caps: | 304 or 316 Stainless Steel |
| • Sealing: | Tig Welded |
| • Gaskets/O-rings: | Silicone, EPDM, Viton, Teflon Encapsulated Viton |

Dimensions (nominal):

- | | |
|---------------------|---------------------------|
| • Outside Diameter: | 2.7" (68mm) |
| • Lengths: | 10" to 40" (254mm~1016mm) |

Performance Specifications

- | | |
|----------------------|-----------------------------|
| • Retention Ratings: | 1, 5, 10, 25, 50, 75, 100µm |
|----------------------|-----------------------------|

Operating Conditions:

- | | |
|---|---|
| • Maximum Forward Differential Pressure: | 145 psid (10 bar) |
| • Maximum Reverse Differential Pressure: | 29 psid (2 bar) |
| • Maximum Continuous Operating Temperature: | 392°F (200°C) Please Check Gasket Temperature Compatibility |



Ordering Information

| SSP Product Name | 5-Retention Rating | 10-Cartridge Length | S-Material | 3 End Configurations | E Materials of O-rings |
|--|----------------------------------|-----------------------|--------------------------|---|---|
| Metal-Flow SSD = Depth Type SSP = Pleated Type | 1, 5, 10, 25, 50,75, 100µm | 10", 20", 30", 40" | A = 304 SS S = 316 SS | DOE = No Symbol 3 = SOE with 222 O-rings, Flat Closed End | E = EPDM V = Viton S = Silicone F = Teflon Encapsulated Viton |